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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2010; month=1; day=20; hr=12; min=21; sec=48; ms=947;]

=====

Reviewer Comments:

<210> 4

<211> 13

<212> PRT

<213> Homo sapiens

<220>

<221> misc

<222> (1)..(13)

<400> 4

Xaa Ser Xaa Asp Xaa Xaa Ser Xaa Ala Xaa Xaa Xaa Xaa

1

5

10

The above <221> response is an invalid "Name/Key" response. Please use the amino acid "Name/Key" responses in the WIPO Standard ST.25 Tables. This type of error also appears in subsequent sequences.

Please explain the "Xaa's" in the above sequence, in a <220>-<223> section.

Application No: 10589956 Version No: 2.0

Input Set:

Output Set:

Started: 2009-12-30 19:18:52.865
Finished: 2009-12-30 19:18:55.598
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 733 ms
Total Warnings: 0
Total Errors: 21
No. of SeqIDs Defined: 61
Actual SeqID Count: 61

Error code	Error Description
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (6)
E 257	Invalid sequence data feature in <221> in SEQ ID (24)
E 257	Invalid sequence data feature in <221> in SEQ ID (25)
E 257	Invalid sequence data feature in <221> in SEQ ID (26)
E 257	Invalid sequence data feature in <221> in SEQ ID (27)
E 257	Invalid sequence data feature in <221> in SEQ ID (28)
E 257	Invalid sequence data feature in <221> in SEQ ID (29)
E 257	Invalid sequence data feature in <221> in SEQ ID (33)
E 257	Invalid sequence data feature in <221> in SEQ ID (34)
E 257	Invalid sequence data feature in <221> in SEQ ID (35)
E 257	Invalid sequence data feature in <221> in SEQ ID (36)
E 257	Invalid sequence data feature in <221> in SEQ ID (37)
E 257	Invalid sequence data feature in <221> in SEQ ID (39)
E 257	Invalid sequence data feature in <221> in SEQ ID (41)
E 257	Invalid sequence data feature in <221> in SEQ ID (42)
E 257	Invalid sequence data feature in <221> in SEQ ID (55)
E 257	Invalid sequence data feature in <221> in SEQ ID (56)
E 257	Invalid sequence data feature in <221> in SEQ ID (60)

Input Set:

Output Set:

Started: 2009-12-30 19:18:52.865
Finished: 2009-12-30 19:18:55.598
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Error code

Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Cohen, Edward H

<120> CONFORMATION SPECIFIC ANTIBODIES

<130> C007-7022US0

<140> 10589956

<141> 2009-12-30

<160> 61

<170> PatentIn version 3.4

<210> 1

<211> 5

<212> PRT

<213> Homo sapiens

<400> 1

Arg Tyr Val Met Trp
1 5

<210> 2

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2

Tyr Ile Trp Pro Ser Gly Gly Asn Thr Tyr Tyr Ala Asp Ser Val Lys
1 5 10 15

Gly

<210> 3

<211> 11

<212> PRT

<213> Homo sapiens

<400> 3

Ser Tyr Asp Phe Trp Ser Asn Ala Phe Asp Ile
1 5 10

<210> 4

<211> 13

<212> PRT

<213> Homo sapiens

<220>

<221> misc

<222> (1)..(13)

<400> 4

Xaa Ser Xaa Asp Xaa Xaa Ser Xaa Ala Xaa Xaa Xaa Xaa
1 5 10

<210> 5

<211> 11

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<213> Homo sapiens

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<221> Protein

<222> (1)..(11)

<400> 5

Ser Tyr Asp Leu Trp Ser Asn Ala Tyr Asp Lys
1 5 10

<210> 6

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<221> Protein

<222> (1)..(11)

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Ser Tyr Asp Leu Trp Ser Asn Ala Tyr Asp Lys
1 5 10

<210> 7

<211> 11

<212> PRT

<213> Homo sapiens

<400> 7

Arg Ala Ser Gln Ser Ile Gly Ser Tyr Leu Asn
1 5 10

<210> 8

<211> 7
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Ala Ala Ser Ser Leu Gln Ser
1 5

<210> 9
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Gln Gln Ser Tyr Ser Thr Pro Ser
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<212> PRT
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<400> 10

His Tyr Gly Met Ser
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<210> 11
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<400> 11

Val Ile Ser Pro Ser Gly Gly Arg Thr Leu Tyr Ala Asp Ser Val Lys
1 5 10 15

Gly

<210> 12
<211> 8
<212> PRT
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<400> 12

His Tyr Ser Tyr Ala Met Asp Val
1 5

<210> 13
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<400> 13

Thr Ala Ser Gln Ser Val Asp Ser Asn Leu Ala
1 5 10

<210> 14
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<400> 14

Gly Ala Ser Thr Arg Ala Thr
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<210> 15
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<400> 15

Gln Gln Tyr Asn Lys Trp Pro Pro Tyr Ser
1 5 10

<210> 16
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<400> 16

His Tyr Ser Met Gln
1 5

<210> 17
<211> 17
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<400> 17

Tyr Ile Gly Ser Ser Gly Gly Asn Thr Tyr Tyr Ala Asp Ser Val Lys
1 5 10 15

Gly

<210> 18
<211> 10
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<213> Homo sapiens

<400> 18

Gly Thr Tyr Asn Thr Ser Pro Phe Asp Tyr
1 5 10

<210> 19
<211> 11
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<400> 19

Ser Gly Asp Ala Leu Gly Gln Lys Tyr Ala Ser
1 5 10

<210> 20
<211> 7
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<400> 20

Gln Asp Ser Lys Arg Pro Ser
1 5

<210> 21
<211> 9
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<400> 21

Gln Ala Trp Asp Thr Thr Ala Tyr Val
1 5

<210> 22
<211> 108
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<213> Homo sapiens

<400> 22

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Gly Ser Tyr
 20 25 30

Leu Asn Trp Tyr Gln Gln Lys Thr Gly Lys Ala Pro Lys Ala Leu Ile
 35 40 45

Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
 50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Leu
 65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Ser
 85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr
 100 105

<210> 23
 <211> 120
 <212> PRT
 <213> Homo sapiens

<400> 23

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
 20 25 30

Val Met Trp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Ile Trp Pro Ser Gly Gly Asn Thr Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Ser Ser Tyr Asp Phe Trp Ser Asn Ala Phe Asp Ile Trp Gly Gln

100

105

110

Gly Thr Met Val Thr Val Ser Ser
115 120

<210> 24
<211> 108
<212> PRT
<213> Homo sapiens

<220>
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<222> (1)..(108)

<400> 24

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Gly Ser Tyr
20 25 30

Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Ala Leu Ile
35 40 45

Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Ser
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr
100 105

<210> 25
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<212> PRT
<213> Homo sapiens

<220>
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<222> (1)..(120)

<400> 25

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Tyr
20 25 30

Val Met Trp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Tyr Ile Trp Pro Ser Gly Gly Asn Thr Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ser Ser Tyr Asp Phe Trp Ser Asn Ala Phe Asp Ile Trp Gly Gln
100 105 110

Gly Thr Met Val Thr Val Ser Ser
115 120

<210> 26

<211> 110

<212> PRT

<213> Homo sapiens

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<221> Protein

<222> (1)..(110)

<400> 26

Asp Ile Gln Met Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly
1 5 10 15

Glu Arg Val Thr Leu Ser Cys Thr Ala Ser Gln Ser Val Asp Ser Asn
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Val
35 40 45

Tyr Gly Ala Ser Thr Arg Ala Thr Gly Val Pro Ala Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Ala Phe Thr Leu Thr Ile Asp Ser Leu Gln Ser
65 70 75 80

Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Asn Lys Trp Pro Pro
85 90 95

Tyr Ser Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg Thr
100 105 110

<210> 27
<211> 117
<212> PRT
<213> Homo sapiens

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<221> Protein
<222> (1)..(117)

<400> 27

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser His Tyr
20 25 30

Gly Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Val Ile Ser Pro Ser Gly Gly Arg Thr Leu Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Lys His Tyr Ser Tyr Ala Met Asp Val Trp Gly Gln Gly Thr Thr
100 105 110

Val Thr Val Ser Ser
115

<210> 28
<211> 105
<212> PRT
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<222> (1)..(105)

<400> 28

Ser Val Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln Thr
1 5 10 15

Ala Ser Val Thr Cys Ser Gly Asp Ala Leu Gly Gln Lys Tyr Ala Ser
20 25 30

Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Val Leu Val Ile Phe Gln
35 40 45

Asp Ser Lys Arg Pro Ser Gly Ile Pro Glu Arg Phe Ser Gly Ser Asn
50 55 60

Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Gly Thr Gln Ala Val Asp
65 70 75 80

Glu Ala Asp Tyr Tyr Cys Gln Ala Trp Asp Thr Thr Ala Tyr Val Phe
85 90 95

Gly Thr Gly Thr Lys Val Thr Val Leu
100 105

<210> 29
<211> 119
<212> PRT
<213> Homo sapiens

<220>
<221> protein
<222> (1)..(119)

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Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gln Gln

1	5	10	15
Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser His Tyr			
20	25	30	
Ser Met Gln Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val			
35	40	45	
Ser Tyr Ile Gly Ser Ser Gly Gly Asn Thr Tyr Tyr Ala Asp Ser Val			
50	55	60	
Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr			
65	70	75	80
Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys			
85	90	95	
Ala Glu Gly Thr Tyr Asn Thr Ser Pro Phe Asp Tyr Trp Gly Gln Gly			
100	105	110	
Thr Leu Val Thr Val Ser Ser			
115			

<210> 30
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 <212> PRT
 <213> Homo sapiens

<400> 30

Met Lys Asp Ser Cys Ile Thr Val Met Ala Met Ala Leu Leu Ser Gly			
1	5	10	15
Phe Phe Phe Phe Ala Pro Ala Ser Ser Tyr Asn Leu Asp Val Arg Gly			
20	25	30	
Ala Arg Ser Phe Ser Pro Pro Arg Ala Gly Arg His Phe Gly Tyr Arg			
35	40	45	
Val Leu Gln Val Gly Asn Gly Val Ile Val Gly Ala Pro Gly Glu Gly			
50	55	60	
Asn Ser Thr Gly Ser Leu Tyr Gln Cys Gln Ser Gly Thr Gly His Cys			
65	70	75	80

Leu	Pro	Val	Thr	Leu	Arg	Gly	Ser	Asn	Tyr	Thr	Ser	Lys	Tyr	Leu	Gly	85	90	95
Met	Thr	Leu	Ala	Thr	Asp	Pro	Thr	Asp	Gly	Ser	Ile	Leu	Ala	Cys	Asp	100	105	110
Pro	Gly	Leu	Ser	Arg	Thr	Cys	Asp	Gln	Asn	Thr	Tyr	Leu	Ser	Gly	Leu	115	120	125
Cys	Tyr	Leu	Phe	Arg	Gln	Asn	Leu	Gln	Gly	Pro	Met	Leu	Gln	Gly	Arg	130	135	140
Pro	Gly	Phe	Gln	Glu	Cys	Ile	Lys	Gly	Asn	Val	Asp	Leu	Val	Phe	Leu	145	150	155
Phe	Asp	Gly	Ser	Met	Ser	Leu	Gln	Pro	Asp	Glu	Phe	Gln	Lys	Ile	Leu	165	170	175
Asp	Phe	Met	Lys	Asp	Val	Met	Lys	Lys	Leu	Ser	Asn	Thr	Ser	Tyr	Gln	180	185	190
Phe	Ala	Ala	Val	Gln	Phe	Ser	Thr	Ser	Tyr	Lys	Thr	Glu	Phe	Asp	Phe	195	200	205
Ser	Asp	Tyr	Val	Lys	Trp	Lys	Asp	Pro	Asp	Ala	Leu	Leu	Lys	His	Val	210	215	220
Lys	His	Met	Leu	Leu	Leu	Thr	Asn	Thr	Phe	Gly	Ala	Ile	Asn	Tyr	Val	225	230	235
Ala	Thr	Glu	Val	Phe	Arg	Glu	Glu	Leu	Gly	Ala	Arg	Pro	Asp	Ala	Thr	245	250	255
Lys	Val	Leu	Ile	Ile	Ile	Thr	Asp	Gly	Glu	Ala	Thr	Asp	Ser	Gly	Asn	260	265	270
Ile	Asp	Ala	Ala	Lys	Asp	Ile	Ile	Arg	Tyr	Ile	Ile	Gly	Ile	Gly	Lys	275	280	285
His	Phe	Gln	Thr	Lys	Glu	Ser	Gln	Glu	Thr	Leu	His	Lys	Phe	Ala	Ser	290	295	300

Lys Pro Ala Ser Glu Phe Val Lys Ile Leu Asp Thr Phe Glu Lys Leu
305 310 315 320

Lys Asp Leu Phe Thr Glu Leu Gln Lys Lys Ile Tyr Val Ile Glu Gly
325 330 335

Thr Ser Lys Gln Asp Leu Thr Ser Phe Asn Met Glu Leu Ser Ser Ser
340 345 350

Gly Ile Ser Ala Asp Leu Ser Arg Gly His Ala Val Val Gly Ala Val
355 360 365

Gly Ala Lys Asp Trp Ala Gly Gly Phe Leu Asp Leu Lys Ala Asp Leu
370 375 380

Gln Asp Asp Thr Phe Ile Gly Asn Glu Pro Leu Thr Pro Glu Val Arg
385 390 395 400

Ala Gly Tyr Leu Gly Tyr Thr Val Thr Trp Leu Pro Ser Arg Gln Lys
405 410 415

Thr Ser Leu Leu Ala Ser Gly Ala Pro Arg Tyr Gln His Met Gly Arg
420 425 430

Val Leu Leu Phe Gln Glu Pro Gln Gly Gly Gly His Trp Ser Gln Val
435 440 445

Gln Thr Ile His Gly Thr Gln Ile Gly Ser Tyr Phe Gly Gly Glu Leu
450 455 460

Cys Gly Val Asp Val Asp Gln Asp Gly Glu Thr Glu Leu Leu Leu Ile
465 470 475 480

Gly Ala Pro Leu Phe Tyr Gly Glu Gln Arg Gly Gly Arg Val Phe Ile
485 490 495

Tyr Gln Arg Arg Gln Leu Gly Phe Glu Glu Val Ser Glu Leu Gln Gly
500 505 510

Asp Pro Gly Tyr Pro Leu Gly Arg Phe Gly Glu Ala Ile Thr Ala Leu
515 520 525

Thr Asp Ile Asn Gly Asp Gly Leu Val Asp Val Ala Val Gly Ala Pro

530

535

540

Leu Glu Glu Gln Gly Ala Val Tyr Ile Phe Asn Gly Arg His Gly Gly
545 550 555 560

Leu Ser Pro Gln Pro Ser Gln Arg Ile Glu Gly Thr Gln Val Leu Ser
565 570 575

Gly Ile Gln Trp Phe Gly Arg Ser Ile His Gly Val Lys Asp Leu Glu
580 585 590

Gly Asp Gly Leu Ala Asp Val Ala Val Gly Ala Glu Ser Gln Met Ile
595 600 605

Val Leu Ser Ser Arg Pro Val Val Asp Met Val Thr Leu Met Ser Phe
610 615 620